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Glenning

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[54] **DEPLOYABLE HULL ARRAY SYSTEM**

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[58] **Field of Search** 367/188, 173,
367/153, 165; 114/321, 324, 325, 339,
340, 342; 310/337

[57] **ABSTRACT**

The subject invention is a rigid sensor array system for an underwater vehicle having an inner hull and an outer hull. A guide means is positioned between the vehicle's inner and outer hulls, and a sensor array panel is mounted slidably on the guide means. An exit slot is formed in said outer hull allowing the sensor array panel to slide out from between the hulls to a deployed position extending from the outer hull. The guide means is provided as tracks on either side of the array panel. In a further embodiment, a drive means is provided for moving the array panel from between the hulls to its deployed position.

[56] **References Cited**

U.S. PATENT DOCUMENTS

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12 Claims, 2 Drawing Sheets

